

Title (en)  
Antiherpes pentapeptides.

Title (de)  
Antiherpes-Pentapeptide.

Title (fr)  
Pentapeptides ayant une activité antiherpès.

Publication  
**EP 0408973 A1 19910123 (EN)**

Application  
**EP 90112643 A 19900703**

Priority  
CA 605092 A 19890707

Abstract (en)  
Disclosed herein are pentapeptide derivatives of the formula  $\text{XNR}_{<1>}\text{-CH(R}_{<2>})\text{-C(O)-NH-CH(R}_{<3>})\text{-C(O)-NR}_{<4>}\text{-CH(CH}_2\text{Y)-CO-NH-CH[CR}_{<5>}\text{(R}_{<6>})\text{-COOH]}\text{-C(W)-N(H)-CH(R}_{<7>})\text{-Z}$  wherein X is a terminal group, for example, alkanoyl or phenylalkanoyl radicals,  $\text{R}_{<1>}$  is alkyl or phenylalkyl,  $\text{R}_{<2>}$ ,  $\text{R}_{<3>}$  and  $\text{R}_{<7>}$  are selected from the side chains of amino acid or derived amino acid residues,  $\text{R}_{<4>}$ ,  $\text{R}_{<5>}$ , and  $\text{R}_{<6>}$  are hydrogen or lower alkyl, W is oxo or thioxo, Y is carboxy, carbamyl or 5-1H-tetrazolyl and Z is carboxy or 5-1H-tetrazolyl. The derivatives are useful for treating herpes infections.

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**A61K 37/02**; **C07K 5/10**; **C07K 7/06**

IPC 8 full level  
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CPC (source: EP)  
**A61P 31/04** (2017.12); **A61P 31/12** (2017.12); **A61P 31/22** (2017.12); **C07K 5/101** (2013.01); **C07K 14/005** (2013.01); **A61K 38/00** (2013.01); **C12N 2710/16622** (2013.01)

Citation (search report)  
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• EP 0292255 A2 19881123 - MERCK & CO INC [US]

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